

RULE

The scientist- keeper of the national standard

1. General provisions

1.1. Storage and application of the national (state) standards – an activity dedicated to study and the account of all possible changes of properties of the standards, maintenance of an invariance of the sizes of units, reproduced by the standards, maintenance (support) of the standards at a required scientific and technical level and on transfer of the sizes of units with required precision from the standards to all subordinated means of measurements.

1.2. The responsibility for qualitative execution of the basic functions on a storage, application and comparisons of the state standard, calibration of means of measurements on the standard, and also for reliability of results of the carried out measurements is born by the scientist- keeper of the state standard.

1.3. The scientist-keeper of the state standard nominates the person from the conducting experts in the appropriate area of measurements having maximum vocational training and the sufficient experience of practical activity. It is recommended simultaneously to nominate the assistant (helper) of the scientist- keeper, which act for the scientist-keeper during his absence and is considered as his possible follower.

At a choice of a nominee of the keeper scientist it is preferred to the person who has brought in the most powerful contribution to process of creation and research of the standard.

If national normative-legal acts does not stipulate this position, person, to whom the performance of functions on clause 1.2 is assigned, can have other position (thus in his duty regulations these functions should be reflected).

1.4. The scientist- keeper of the state standard is nominated by the chief of the National metrology institute (NMI) or higher organisation of State metrology service.

The assistant of the scientist-keeper is nominated as the chief NMI, in which the given standard is stored and used.

1.5. The clearing of the scientist-keeper of a borrowed position is made in the same order and same instances, by which he was nominated (simultaneously with nomination of the new scientist-keeper).

2. Duty and right of the scientist-keeper of the state standard

2.1. The principal duties of the scientist-keeper of the state standard are:

- maintenance of strict observance of storage conditions and application of the state standard according to authorised rules its storage and application with the account of the requirements of the operational documentation of the standard;
- realisation of works on transfer of the size of units from the state standard to the standards and working means of measurements by realisation works till calibration and performance of exact measurements;
- organisation and realisation constant metrology works on research, study and account of changes of properties of the standard, improvement it metrology, technical and operational characteristics;
- realisation of comparisons of the state standard with the national standards of other countries and international standards, analysis of results of comparisons and realisation of this work results, co-operation with the appropriate Consultative Committee CIPM;
- preparation of the NMI's measuring capabilities data for presentation to BIPM, participation in review of the similar data of others NMI;
- organisation and realisation of work under the collection, analysis and ordering of the information about a condition of measurements and maintenance of its uniformity, about works on the standards spent in and other countries, about modern and perspective requirements in exact measurements;
- development and presentation to NMI officials offers on fundamental and applied scientific researches and developments directed on development, perfection and maintenance at a required scientific and technical level of the standard, participation in realisation of these researches and development;
- preparation and improvement of employees qualification working on the state standard;
- immediate presentation to the NMI officials of the information on all circumstances creating danger of changes of the size of unit, reproduced by the state standard;
- presentation to the NMI officials of periodic reports on the spent works with the state standard, its condition and scientific and technical level in comparison with foreign analogues, about results of comparison and researches of the standard, and also entering of the offers on the further perfection of the standard and system of quality management NMI.

2.2. The scientist-keeper of the state standard has the right:

- to carry out all kinds of metrology works on the state standard according to the authorised programs and plans of work and official duties;

- to participate in accreditation of calibration and measuring laboratories in the order established by the normative documents and the international arrangements;
- to participate in activity of the international and regional organisations within the limits of the competence;
- to address to the NMI officials (in the proved cases directly in a higher body state metrology service) on questions about improvement, application and maintenance of safety of the standard, and also creation of conditions and financial maintenance for performance of official duties;
- to request when due hereunder and to receive from bodies State metrology service necessary for performance of official duties the information and materials;
- to participate in preparation of the experts-metrology in the given kind of measurements, including by reading lectures, reports, realisation of employment and seminars;
- to take part in work of meetings, conferences, seminars and etc. on problems of maintenance of uniformity of measurements, development metrology in the appropriate area of measurements.